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I hereby certify that this correspondence is being deposited on 12/6/06 with the United States Postal Service with sufficient postage as first class mail under 37 CFR 1.8 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Date 12/6/06

Signature: Hellier Kelly

Hellier Kelly

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Inventor(s) : Lucien Alfred Couvillon, Jr.

Patent No. : 7,077,808 B2

Issue Date : July 18, 2006

Title : ULTRASONIC IMAGING CATHETER

Docket : 03-011

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate**  
**DEC 13 2006**  
**of Correction**

SIR:

**REQUEST FOR CERTIFICATE OF CORRECTION**

Applicant's attorney, on behalf of the Assignee of record, hereby requests the issuance of a Certificate of Correction for the following Applicant errors pursuant to 35 USC §255, and for the following Patent Office errors pursuant to 35 USC §254:

**Correction is requested for the following Applicant errors:**

Specification, Col. 1, line 3, after "THE" change "INVENITON" to - - INVENTION - -.

Specification, Col. 1, line 23, before "advances", delete "In Spite of" and insert- -  
Despite - -.

Specification, Col. 3, line 66, after "until" change "is" to - - it - -.

Specification, Col. 4, line 59, after "with" delete - - within - -.

Specification, Col. 4, line 65, before "an" change "within" to - - with - -.

**DEC 14 2006**

Specification, Col. 8, line 12, before “layers” change “actively” to - - active - -.

Specification, Col. 10, line 48, after “anti-restenosis” change “drug” to - - drugs - -.

**Correction is requested for the following Patent Office errors:**

Specification, Col. 3, line 67, after “axis”, change “alpha” symbol to italic letter - - *a* - - .

Specification, Col. 4, line 2, after “axis”, change “alpha” symbol to italic letter - - *a* - - .

Specification, Col. 4, line 4, after “axis”, change “alpha” symbol to italic letter - - *a* - - .

Specification, Col. 4, line 5, after “axis”, change “alpha” symbol to italic letter - - *a* - - .

Specification, Col. 4, line 8, after “axis”, change “alpha” symbol to italic letter - - *a* - - .

Specification, Col. 4, line 11, after “axis”, change “alpha” symbol to italic letter - - *a* - - .

Specification, Col. 4, line 16, after “axis”, change “alpha” symbol to italic letter - - *a* - - .

Specification, Col. 4, line 45, after “lumen”, change “1” to italic number - - *1* - - .

Specification, Col. 4, line 46, after “disc”, change “d” to italic letter - - *d* - - .

Specification, Col. 5, line 29, after “axis”, change “a” to italic letter - - *a* - - .

Specification, Col. 7, line 10, after “occurs”, change “in vivo” to - - *in vivo* - - .

Claim 1, Col. 11, line 2, after “said”, change “wail” insert - - wall - - .

Claim 16, Col. 12, line 33, before “comprising”, change “farther” to - - further - - .

Add Claims 18-21 as follows:

18. A method of scanning the inner wall of a body lumen comprising:

providing the catheter apparatus of claim 9, sweeping said ultrasonic energy in a predetermined pattern over the interior wall of the body lumen, wherein said sweeping is accomplished by rotating said reflective member and operating said electroactive polymer actuator to change the angle of incidence of said ultrasonic energy relative to said

reflective member; receiving ultrasonic energy reflected from the interior wall of the body lumen; and producing an image from the reflected ultrasonic energy.

19. The method of claim 19, wherein the ultrasonic energy is directed at a forward angle of from about 10° to about 85° relative to the axis of the body lumen, whereby a forward conical sweep is performed.

20. The method of claim 19, further comprising axially advancing the reflective member within the body lumen.

21. The method of claim 19, wherein the reflective member is rotated under electronic control.

#### REMARKS

Applicant hereby requests reinsertion of claims 18-21 that were erroneously not published in the issued patent. Original claims 19-22 (now renumbered as claims 18-21) were objected to only as being dependent upon a rejection base claim in the Office Action mailed May 17, 2005. Rejection of the underlying base claim 8 was overcome by the Amendment filed September 19, 2005, after which claim 8 was subsequently allowed. Original claims 19-22 should therefore have been included in the allowed claims listed by the Examiner in the Notice of Allowance mailed February 27, 2006. The inadvertent omission of original claims 19-22 in the Notice of Allowance was not noted by Applicant until after patent grant. It is respectfully requested that the original claims 19-22 (now renumbered as claims 18-21) be included in the granted patent.

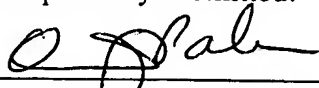
Approval and entry of the above corrections is respectfully requested.

Any fees due as a result of this request for certificate of correction may be charged to the undersigned attorney's PTO Deposit Account #50-1047 accordingly. Also filed herewith is PTO

DEC 14 2006

Form 1050, duly completed.

Respectfully submitted:



Keum J. Park      Reg. No. 42,059  
Mayer & Williams, PC  
251 North Avenue West, 2<sup>nd</sup> Floor  
Westfield, NJ 07090

Date: September 5, 2006  
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**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO : 7,077,808 B2

DATED : July 16, 2006

INVENTOR(S): Lucien Alfred Couvillon, Jr.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

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**MAILING ADDRESS OF SENDER:**

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**PATENT NO. 7,077,808 B2**

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete the form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1350.

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